

IN THE CLAIMS

Claims 1-6 (Canceled).

7 (Currently Amended). A method comprising:

forming a direct modulation laser driver including a transistor coupled between a power supply and a laser diode;

coupling said transistor to be driven by a differential output stage;

~~providing a first and a second resistance, the ratio of the first to the second resistance being a matching resistance and the first and second resistances are both greater than said matching resistance; and~~

providing an inductor and a resistor; and

coupling the gate or base of said transistor to a node between said ~~first and second resistances~~ inductor and said resistor.

8 (Original). The method of claim 7 wherein forming a direct modulation laser driver including a transistor includes forming a driver including a field effect transistor having its gate coupled to said differential output stage.

9 (Original). The method of claim 7 wherein forming a direct modulation laser driver including a transistor includes forming a driver including a bipolar transistor having its base coupled to said differential output stage.

10 (Original). The method of claim 7 including AC coupling a shunt resistor to said transistor.

11 (Original). The method of claim 7 including providing a pair of parallel shunt resistors coupled to said transistor.

Claims 12-23 (Canceled).

24 (New). The method of claim 7 including coupling a capacitor in series with said resistor.